

shall be the best available estimate based on all available process data or data used for accounting purposes (such as sales records).

(b) For missing values related to the performance test, including emission factors, production rate, and N_2O concentration, you must conduct a new performance test according to the procedures in § 98.224 (a) through (d).

§ 98.226 Data reporting requirements.

In addition to the information required by § 98.3(c), each annual report must contain the information specified in paragraphs (a) through (o) of this section for each nitric acid production train.

- (a) Train identification number.
- (b) Annual process N_2O emissions from each nitric acid train (metric tons).
- (c) Annual nitric acid production from each nitric acid train (tons, 100 percent acid basis).
- (d) Annual nitric acid production from each nitric acid train during which N_2O abatement technology is operating (ton acid produced, 100 percent acid basis).
- (e) Annual nitric acid production from the nitric acid facility (tons, 100 percent acid basis).
- (f) Number of nitric acid trains.
- (g) Number of abatement technologies (if applicable).
- (h) Abatement technologies used (if applicable).
- (i) Abatement technology destruction efficiency for each abatement technology (percent destruction).
- (j) Abatement utilization factor for each abatement technology (fraction of annual production that abatement technology is operating).
- (k) Type of nitric acid process used for each nitric acid train (low, medium, high, or dual pressure).
- (l) Number of times in the reporting year that missing data procedures were followed to measure nitric acid production (months).
- (m) If you conducted a performance test and calculated a site-specific emissions factor according to § 98.223(a)(1), each annual report must also contain the information specified in paragraphs (m)(1) through (m)(7) of this section for each nitric acid production facility.

(1) Emission factor calculated for each nitric acid train (lb N_2O /ton nitric acid, 100 percent acid basis).

(2) Test method used for performance test.

(3) Production rate per test run during performance test (tons nitric acid produced/hr, 100 percent acid basis).

(4) N_2O concentration per test run during performance test (ppm N_2O).

(5) Volumetric flow rate per test run during performance test (dscf/hr).

(6) Number of test runs during performance test.

(7) Number of times in the reporting year that a performance test had to be repeated (number).

(n) If you requested Administrator approval for an alternative method of determining N_2O concentration under § 98.223(a)(2), each annual report must also contain the information specified in paragraphs (n)(1) through (n)(4) of this section for each nitric acid production facility.

- (1) Name of alternative method.
- (2) Description of alternative method.
- (3) Request date.
- (4) Approval date.
- (o) Total pounds of synthetic fertilizer produced through and total nitrogen contained in that fertilizer.

§ 98.227 Records that must be retained.

In addition to the information required by § 98.3(g), you must retain the records specified in paragraphs (a) through (g) of this section for each nitric acid production facility:

- (a) Records of significant changes to process.
- (b) Documentation of how process knowledge was used to estimate abatement technology destruction efficiency (if applicable).
- (c) Performance test reports.
- (d) Number of operating hours in the calendar year for each nitric acid train (hours).
- (e) Annual nitric acid permitted production capacity (tons).
- (f) Measurements, records, and calculations used to determine reported parameters.
- (g) Documentation of the procedures used to ensure the accuracy of the measurements of all reported parameters, including but not limited to,